

ENGINEER I

DEFINITION

Under general supervision, is responsible for performing entry-level professional engineering work; performs related duties as required.

EXAMPLES OF WORK (Any one position may not include all of the duties listed, nor do the examples cover all of the duties that may be performed.)

Acts as engineer-in-charge of a small construction and/or maintenance project;

Assigns and evaluates work of an engineering staff;

Checks work accomplished by subordinates for quality and quantity by using pre-established standards and policies;

Prepares preliminary and final plans and specifications for minor projects;

Reviews and investigates requests and complaints received from the public; recommends corrective measures;

Inspects engineering projects for conformance to plans and specifications;

Assists in the planning and preparation of proposals and specifications for major engineering projects;

Stays abreast of current engineering principles;

May do on-site investigations prior to a project;

May represent the division at meetings with local, state, and federal agencies, regional planning and technical committees, commissioners, citizen groups, engineering groups and other City departments;

May direct or personally engage in field surveys; makes plan-in-hand inspections of ongoing projects.

MINIMUM QUALIFICATIONS

Possession of a valid State of Ohio certificate as a registered Professional Engineer.

Specialization in the discipline for which appointment is being made may be required for some positions and will be incorporated in the job postings, as appropriate.

Possession of a valid motor vehicle operator's license.

KNOWLEDGE, SKILLS AND ABILITIES

General knowledge of modern methods and techniques used in engineering; general knowledge of the principles and theories of engineering; general knowledge of the materials and equipment used in public works construction and/or maintenance; ability to prepare preliminary engineering plans and/or specifications for minor projects; ability to design moderately difficult engineering structures, facilities, systems and equipment; ability to develop and maintain effective working relationships with others; ability to prepare technical reports and maintain engineering records.

Probationary Period: 365 Days
Examination: Noncompetitive

Class Code: 1046
Job Family: Applied Sciences
EEO Job Category: Professional
Compensation Plan: CIMAGE/CWA
Salary: Grade 57

Class established: 04-08-63
Current spec: 09-26-05
Commission action taken: Revise
Retitle/Merge (Civil Engineer I with Electrical [1122], Mechanical [1148]
and Traffic Engineer I [1090] 12/18/89)
Last reviewed: 09-26-05